

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/042854

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01M8/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 462 815 A (HORIUCHI ET AL) 31 October 1995 (1995-10-31) column 4, line 42 - line 56	1-45
A	WO 03/078252 A (FUELSELL TECHNOLOGIES, INC) 25 September 2003 (2003-09-25) page 23, line 19 - line 25	1-45
E	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2005 135762 A (DENSO CORP; NIPPON SOKEN INC), 26 May 2005 (2005-05-26) abstract	1-45

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
12 October 2005	20/10/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, TX. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer  Horváth, L

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Information on patent family members

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PCT/US2004/042854

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5462815	A	31-10-1995	JP	3360318 B2 JP 6068891 A	24-12-2002 11-03-1994	
WO 03078252	A	25-09-2003	AU	2003218237 A1	29-09-2003	
JP 2005135762	A	26-05-2005		NONE		